

# Ravamid<sup>®</sup> A GF30 BK

Polyamide 66  
Industrial Quality Compound

## **Description:**

Polyamide 66 black containing recycled material, 30% glass fiber reinforced, also available Heat Stabilized (H) UV Stabilized (UV) and Lubricated (L).

## **General**

Density	ISO 1183	1.37	g/cm <sup>3</sup>
Mold shrinkage (Parallel)		0.40	%
Mold shrinkage (Perpendicular)		0.80	%

## **Thermal**

HDT/A (1,82MPa)	ISO 75A	235	°C
Vicat softening point (B50 (50N))	ISO 306	225	°C

## **Mechanical**

Izod notched impact strength (23°C)	ISO 180	7	kJ/m <sup>2</sup>
Charpy notched impact strength (23 °C)	ISO 179	6	kJ/m <sup>2</sup>
Charpy unnotched impact strength (23 °C)	ISO 179	40	kJ/m <sup>2</sup>
Tensile stress at break	ISO 527	110	MPa
Elongation at break	ISO 527	5	%
Tensile modulus	ISO 527	6600	MPa
Flex modulus	ISO 178	6300	MPa

## **Flammability**

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	<100	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

## **Various**

Humidity	ISO 960	≤0.15	%
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